

WHAT IS CLAIMED IS:

1 1. A method of assembling a mounting disc for an ostomy
2 appliance comprising the steps of providing a flexible plastic
3 disc having a convex central body portion and a surrounding
4 annular rim, providing a first foam disc having first and second
5 faces and having pressure-sensitive adhesive on each of said
6 faces covered by first and second release liners, said first foam
7 disc having an outer diameter substantially corresponding to the
8 outer diameter of said flexible plastic disc, providing a second
9 foam disc having first and second faces and having pressure-
10 sensitive adhesive on said first face of said second foam disc
11 covered by a third release liner, said second foam disc having
12 an outer diameter greater than the outer diameter of said
13 flexible plastic disc, providing an adhesive skin barrier disc
14 having an outer diameter substantially corresponding to the outer
15 diameter of said second foam disc, removing said first liner from
16 the adhesive on the first face of said first disc and adhering
17 said first face to the second face of said second foam disc,
18 removing the third release liner from the adhesive on the first
19 face of said second foam disc and adhering the first face of the
20 second foam disc to one face of the adhesive skin barrier disc,
21 removing said second liner from the adhesive on the second face
22 of said first disc and adhering said second face to the convex
23 central body portion and the surrounding annular rim of said
24 plastic disc, applying heat and pressure to said skin barrier
25 disc at an annular zone corresponding to said annular rim to seal
26 said discs and to smooth the foam and hydrocolloid discs over the
27 central body portion of the plastic disc.

1 2. A method according to claim 1 including the step of
2 providing diametrically opposed and radially extending mounting
3 loops at a periphery of said flexible plastic disc.

1 3. A method according to claim 2 wherein said mounting
2 loops do not extend beyond the diameter of said skin barrier disc
3 and said second foam disc.

1 4. A method according to claim 1 wherein said skin barrier
2 disc is an elastomer hydrocolloid mixture.

1 5. A method according to claim 1 including the step of
2 covering another face of said skin barrier disc with a removable
3 protective skin.

1 6. A method of assembling an ostomy pouch comprising the
2 steps of providing a flexible plastic disc having a convex
3 central body portion and a surrounding annular rim, providing a
4 first foam disc having first and second faces and having
5 pressure-sensitive adhesive on each of said faces covered by
6 first and second release liners, said first foam disc having an
7 outer diameter substantially corresponding to the outer diameter
8 of said flexible plastic disc, providing a second foam disc
9 having first and second faces and having pressure-sensitive
10 adhesive on said first face of said second foam disc covered by
11 a third release liner, said second foam disc having an outer
12 diameter greater than the outer diameter of said flexible plastic
13 disc, providing an adhesive skin barrier disc having an outer
14 diameter substantially corresponding to the outer diameter of
15 said second foam disc, removing said first liner from the

16 adhesive on the first face of said first disc and adhering said
17 first face to the second face of said second foam disc, removing
18 the third release liner from the adhesive on the first face of
19 said second foam disc and adhering the first face of the second
20 foam disc to one face of the adhesive skin barrier disc, removing
21 said second liner from the adhesive on the second face of said
22 first disc and adhering said second face to the convex central
23 body portion and the surrounding annular rim of said plastic
24 disc, applying heat and pressure to said skin barrier disc at an
25 annular zone corresponding to said annular rim to seal said discs
26 and to smooth the foam and hydrocolloid discs over the central
27 body portion of the plastic disc,
28 and to provide a mounting disc, providing a first sheet of thin
29 plastic material, cutting at least one circular opening in said
30 sheet having a diameter substantially corresponding to an inside
31 diameter of said annular rim, placing said annular rim on an
32 opening in said sheet, sealing said annular rim to said sheet,
33 placing said first sheet on a second sheet of thin plastic
34 material, cutting said sheets to a desired pouch shape and
35 sealing a perimeter of said pouch.

1 7. A method according to claim 6 including the step of
2 providing diametrically opposed and radially extending mounting
3 loops at a periphery of said flexible plastic disc.

1 8. A method according to claim 6 wherein said mounting
2 loops do not extend beyond the diameter of said skin barrier disc
3 and said second foam disc.

1 9. A method according to claim 6 wherein said skin barrier
2 disc is an elastomer hydrocolloid mixture.

1 10. A method according to claim 6 including the step of
2 covering another face of said skin barrier disc with a removable
3 protective skin.

1 11. A mounting disc for an ostomy pouch comprising a
2 flexible plastic disc having a convex central body portion and
3 a surrounding annular rim, a first foam disc having first and
4 second faces and having pressure-sensitive adhesive on each of
5 said faces, said first foam disc having an outer diameter
6 substantially corresponding to the outer diameter of said
7 flexible plastic disc, the second face of said first foam disc
8 being adhered to the convex central body portion and the
9 surrounding annular rim of the plastic disc, a second foam disc
10 having first and second faces and having pressure-sensitive
11 adhesive on said first face of said second foam disc, said second
12 foam disc having an outer diameter greater than the outer
13 diameter of said flexible plastic disc, the second face of said
14 second foam disc being adhered to the first face of said first
15 disc, an adhesive skin barrier disc having an outer diameter
16 substantially corresponding to the outer diameter of said second
17 foam disc, said skin barrier disc being adhered to the first face
18 of said second foam disc.

1 12. A mounting disc according to claim 11 including
2 diametrically opposed and radially extending mounting loops at
3 a periphery of said flexible plastic disc.

1 13. A mounting disc according to claim 12 wherein said
2 mounting loops do not extend beyond the diameter of the skin
3 barrier disc and the second foam disc.

1 14. A mounting disc according to claim 11 wherein the skin
2 barrier disc is an elastomer hydrocolloid mixture.

1 15. A mounting disc according to claim 11 including a
2 removable protective film covering another face of said skin
3 barrier disc.

1 16. An ostomy appliance having a mounting disc adapted to
2 the periostomal skin surfaces of an ostomate comprising a
3 mounting disc and an ostomy pouch, said ostomy pouch comprising
4 a flexible plastic disc having a convex central body portion and
5 a surrounding annular rim, a first foam disc having first and
6 second faces and having pressure-sensitive adhesive on each of
7 said faces, said first foam disc having an outer diameter
8 substantially corresponding to the outer diameter of said
9 flexible plastic disc, the second face of said first foam disc
10 being adhered to the convex central body portion and the
11 surrounding annular rim of the plastic disc, a second foam disc
12 having first and second faces and having pressure-sensitive
13 adhesive on said first face of said second foam disc, said second
14 foam disc having an outer diameter greater than the outer
15 diameter of said flexible plastic disc, the second face of said
16 second foam disc being adhered to the first face of said first
17 disc, an adhesive skin barrier disc having an outer diameter
18 substantially corresponding to the outer diameter of said second
19 foam disc, said skin barrier disc being adhered to the first face

20 of said second foam disc,
21 and said ostomy pouch comprising proximal and distal sheets of
22 plastic film sealed at their peripheries, said proximal sheet
23 having a stoma inlet portal therein, said inlet portal having a
24 diameter substantially corresponding to an inside diameter of the
25 annular rim of said flexible plastic disc, said annular rim being
26 sealed to said proximal sheet about a zone surrounding said
27 portal.

1 17. An ostomy appliance according to claim 16 including
2 diametrically opposed and radially extending mounting loops at
3 a periphery of said flexible plastic disc.

1 18. An ostomy appliance according to claim 17 wherein said
2 mounting loops do not extend beyond the diameter of the skin
3 barrier disc and the second foam disc.

1 19. An ostomy appliance according to claim 16 wherein the
2 skin barrier disc is an elastomer hydrocolloid mixture.

1 20. An ostomy appliance according to claim 16 including a
2 removable protective film covering another face of said skin
3 barrier disc.